

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Divisional Patent Application of U.S.

Application No.: 10/193,625

Takemori Takayama, et al.

Examiner: Jason L. Savage

Application No.: Not Yet Assigned

Art Unit: 1775

Filed: Concurrently Herewith

For: COPPER BASED SINTERED CONTACT MATERIAL AND DOUBLE-LAYERED  
SINTERED CONTACT MATERIAL

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**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Patent Applications  
Commissioner for Patents  
Alexandria, VA 22313

Sir:

Submitted herewith on Form PTO/SB/08A is a listing of documents known to Applicant cited by or submitted to the U.S. Patent and Trademark Office (USPTO) in parent application No. 10/193,625; filed on July 10, 2002 in order to comply with Applicant's duty of disclosure pursuant to 37 CFR §1.56. The relevance of these documents are explained in the parent application. As provided in 37 CFR 1.98(d), copies of the document are not provided since they were previously cited by or submitted to the Patent Office in the parent application.

Since this Information Disclosure Statement is being filed in compliance with 37 CFR § 1.97(b) before an initial action, no fee is required in connection with its filing.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicant does not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* prior art reference against the

claims of the present application.

Applicant respectfully requests that the listed documents be considered by the Examiner and formally be made of record in the present application and that an initialed copy of Form PTO/SB/08A be returned in accordance with MPEP §609.

Dated: January 23, 2004

Respectfully submitted,

By \_\_\_\_\_  
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|---|---|----|---|--------------------------|-------------------------|
| Substitute for form 1449A/B/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br><i>(Use as many sheets as necessary)</i> |   |    |   | <b>Complete if Known</b> |                         |
|   |   |    |   | Application Number       | Not Yet Assigned        |
|   |   |    |   | Filing Date              | Herewith                |
|   |   |    |   | First Named Inventor     | Takemori Takayama et al |
|   |   |    |   | Art Unit                 | 1775                    |
|   |   |    |   | Examiner Name            | Jason L. Savage         |
| Sheet   | 1 | of | 1 | Attorney Docket Number   | KOM-153/INO/DIV2        |

| U.S. PATENT DOCUMENTS |                          |  |                                |  |   |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       |                          | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                       | AA**                     | 5,540,750*                               | 7/30/96                        | Fernandez et al                                    |   |

| FOREIGN PATENT DOCUMENTS |                       |   |                                |   |   |                |
|--------------------------|-----------------------|---|--------------------------------|---|---|----------------|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T <sup>6</sup> |
|                          |                       | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                |   |   |                |
|                          | BA**                  | JP 11-350008  | 12/21/99                       | Mitsuya Seiko KK                                |   |                |
|                          | BB**                  | JP 07-166278  | 6/27/95                        | Tokai Carbon Co. Ltd.                           |   |                |
|                          | BC                    | JP 10-001704  | 1/6/98                         | Komatsu, Ltd.                                   |   |                |
|                          | BD                    | WO 94/00609*  | 1/6/94                         | Sintermetal, S.A.                               |   |                |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. \*\*CITE NO.: Those patent(s) or publication(s) which are marked with an double asterisk (\*\*) next to the Cite No. are not supplied because they were previously cited by or submitted to the Office in a prior application relied upon in this application for an earlier filing date under 35 U.S.C. 120. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS |                       |   |  |                |
|---------------------------------|-----------------------|---|--|----------------|
| Examiner Initials <sup>1</sup>  | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |  | T <sup>2</sup> |
|                                 | CA                    | "Engineering Data Book for Copper based Alloy Casting", (pp134-155), edited by Japan Non-ferrous Metal Casting Association issued by Materials Process Technology Center (Sokeizai Center) July 30, 1998  |  |                |
|                                 | CB                    | "Powder and Powder Metallurgy", 31, p. 290 (1984), written by Tsukamoto, Takahashi, Komai, Hayama et al.  |  |                |
|                                 | CC                    | "Ceramic Data Book 76" ("Industries and Products" No. 59) 1976, Takashi HANAZAWA  |  |                |
|                                 | CD                    | "Powder and Powder Metallurgy", 31, p. 290 (1984), written by Tsukamoto, Takahashi, Komai, Hayama et al.  |  |                |
|                                 | CE                    | "Journal of the Japan Society for Composite Materials", Vol. 3, No. 1, 1997, Takashi Hanazawa   |  |                |

## \* Corresponding references

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

|                       |  |                    |  |
|-----------------------|--|--------------------|--|
| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|